

BOARD OF FORESTRY AND FIRE PROTECTION

P.O. Box 944246
SACRAMENTO, CA 94244-2460
Website: www.bof.fire.ca.gov
(916) 653-8007



June 18, 2007

SUBJECT: Request for Articles and Contractors for Scientific Literature Review

Dear Colleague:

The State Board of Forestry and Fire Protection (Board) is conducting a scientific literature review of forest management effects on riparian zone functions related to anadromous fisheries in California. The goal of the literature review is to provide information for potential amendments to the California Forest Practice Rules related to protection and restoration of anadromous salmonids (*Protection and Restoration in Watersheds with Threatened or Impaired Values*, Title 14 California Code of Regulations, sections 916.9, 936.9, 956.9).

The literature review will focus on answering "Key Questions" pertaining to five different riparian exchanges functions: nutrients, wood, heat, sediment, and water. The literature review will be contracted to individuals or entities with expertise in these topics. Contractors could conduct literature reviews on one or all riparian functions, or a team of diverse experts could address all five functions. The contract will be solicited in July and completion of all contract requirements is requested by December.

The Board is inviting your assistance as follows:

1) Submit relevant literature: Please submit (via email or CD) a list of up to 10 scientific references that you consider essential reading for this literature review. If possible, prioritize or rank the references from 1-10 and specify the riparian function(s) pertaining to the reference. You must provide a copy or electronic version of the reference for it to be considered in our review. See the attachment describing desirable literature for this review. Please submit your literature by August 1, 2007, or sooner to the following email address: board.public.comments@fire.ca.gov

2) Contractor to Board to conduct literature review: If you are interested in contracting with the Board, please respond to the above email address with your qualifications, interests and contact information. The total contract estimate for all literature reviews together is \$50,000.

3) Provide literature review services: The Board's contractor may be reviewing literature authored by you. The initial list of literature to be reviewed can be viewed in the project's Scope of Work: http://www.bof.fire.ca.gov/pdfs/TI_ScopeOfWork_FinalApproved_051107.pdf If you wish to conduct the literature review of your own literature in the initial list, please use form in Appendix G of the Scope of Work titled "Literature Review Format". Your input will be recognized as a contribution to the literature review. Please submit your review to the Board by August 1, 2007, or sooner.

We appreciate your consideration of this request, as this effort is considered a valuable undertaking to help link science and the regulations that guide our forest management activities. Please feel free to contact our Regulations Coordinator, Chris Zimny, at (916) 653-9418, with any questions or responses you may have. More information can be found at: http://www.bof.fire.ca.gov/board/board_proposed_rule_packages.aspx
See: Threatened or Impaired Watersheds Literature Review.

Sincerely,

A handwritten signature in black ink, appearing to read "Stan Dixon", written over a horizontal line.

Stan L. Dixon
Chair, State Board of Forestry and Fire Protection

Technical Advisory Committee Members

Ms. Charlotte Ambrose, National Marine Fisheries Service
Dr. Marty Berbach, California Department of Fish and Game
Mr. Pete Cafferata, California Department of Forestry and Fire Protection
Dr. Ken Cummins, Humboldt State University
Dr. Brian Dietterick, California Poly State University
Dr. Cajun James, Sierra Pacific Industries
Mr. Gaylon Lee, State Water Resources Control Board
Mr. Gary Nakamura, TAC Chair, University of California Cooperative Extension
Dr. Sari Sommarstrom, Sari Sommarstrom & Associates
Dr. Kate Sullivan, Pacific Lumber Company
Dr. William Trush, McBain & Trush Inc.
Dr. Michael Wopat, California Geological Survey

Desirable Literature

- 1) **Key Riparian Function:** Literature contributes to the Key Riparian Function topics described in the Scope of Work. These topics address forest riparian functions for anadromous salmonid and the effects forest management have on them.

or

Scope of Work (SOW) Key Questions: Literature contributes to Key Questions developed for each riparian function topic in draft contract Scope of Work.

- 2) **Peer Reviewed:** Literature is "Peer Reviewed" or meets criteria for "Non Peer Reviewed" gray literature.

Gray Literature inclusion criteria:

- At least three (3) of our TAC members (with multi-stakeholder perspectives) will review each of the present gray literature papers.
- Rate each paper on a 1 to 3 or 1 to 5 scale about its professional quality; its scientific contribution to understanding riparian functions
- Compare how close we come in our evaluations.

- 3) **Currency:** Literature published from 1997 to present unless approved by TAC.

- 4) **Recommended by Expert:** Identified by experts in Top 10 list of required articles.

- 5) **Relevance to California:** Literature applies to California or studies conducted in California. Relevance includes similar geomorphologic provinces or bioregions, similar topographic conditions. Geographic areas within California should be identified: coast redwood region inland, Sierra, etc.

- 6) **Quality and Type of Study:** Literature represents findings from large scale field experiments or other descriptive studies and is data rich, theory rich, and process rich. Literature uses already proven study design